

Pathway of Preparation for Entering the Geoscience Workforce

This figure is a Sankey diagram designed to show flow systems visually. In this case, the diagram displays the activities that help develop strong geoscience skills leading to the degree the graduates received and their immediate plans after graduation. The colored nodes represent the number of graduates participating in that experience and the gray ribbons represent the movement of individuals from one experience to the next. It sums up the geoscience experiences of the 2016 graduates, also

shown through the series of graphs presented earlier in this report, to give an overall view of the pathway of preparation for the geoscience workforce among these graduates.

Moving forward, geoscience departments should strive to provide field and research experiences to all geoscience students through their programs, if they do not already, in order for effective development in critical geoscience skills and thinking. Future collaborations between universities,

industries, and societies should begin to focus on developing internship-like experiences for more students in order to provide a more realistic understanding of the daily work within the various geoscience industries.

AGI's Geoscience Student Exit Survey will continue to collect data from geoscience graduates each year. Moving forward, AGI will reach out to former participants in the survey that are now in the workforce to see how their

career pathways have developed. Variations of the survey are currently given in Canada and the UK with plans to expand to other countries in the future.

